

ABSTRACT

A double-row self-aligning roller bearing includes left and right rows of rollers, arranged between an inner race and an outer race. A raceway surface of the outer race represents a spherical shape and the rollers have an outer peripheral surface following the shape of the raceway surface of the outer race. The rollers of the left and right roller rows have respective lengths different from each other. Also, the left and right roller rows have respective contact angles different from each other.